

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON JULY 15, 2014. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS JULY 1, 2014.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

**Bid Letting Number** L140715

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
009	C203598	43761.3.FD1	WATAUGA	0.485 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L140715 009

CONTRACT ID : C203598 43761.3.FD1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.485 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : MAY 12 2016

ACCESS ROAD TO POST ACUTE CARE FACILITY IN BLOWING ROCK.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	2	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (11+00-L-)	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	GRADING	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	1	EA	FRAME WITH COVER, STD 840.54
100	CY	UNDERCUT EXCAVATION	6,655	LF	2'-6" CONCRETE CURB & GUTTER
2,060	LF	BERM DITCH CONSTRUCTION	180	LF	SHOULDER BERM GUTTER
1.9	HR	PROOF ROLLING	1,340	SY	4" CONCRETE SIDEWALK
200	CY	SELECT GRANULAR MATERIAL	3	EA	CONCRETE CURB RAMP
250	SY	GEOTEXTILE FOR SOIL STABILIZATION	90	SY	4" CONCRETE PAVED DITCH
2,500	SY	GENERIC GRADING ITEM SOIL NAIL SLOPE STABILIZATION	100	LF	STEEL BM GUARDRAIL
1	EA	GENERIC GRADING ITEM SOIL NAIL PROOF TESTS	5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GENERIC GRADING ITEM SOIL NAIL VERIFICATION TESTS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
330	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1,030	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1,172	LF	15" RC PIPE CULVERTS, CLASS III	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
84	LF	18" RC PIPE CULVERTS, CLASS III	208	LF	REMOVE EXISTING GUARDRAIL
568	LF	24" RC PIPE CULVERTS, CLASS III	30	TON	RIP RAP, CLASS I
576	LF	30" RC PIPE CULVERTS, CLASS III	540	TON	RIP RAP, CLASS B
268	LF	15" CS PIPE CULVERTS, 0.064" THICK	2,165	SY	GEOTEXTILE FOR DRAINAGE
68	LF	18" CS PIPE CULVERTS, 0.064" THICK	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
136	LF	24" CS PIPE CULVERTS, 0.064" THICK	79.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
344	LF	30" CS PIPE CULVERTS, 0.079" THICK	146	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
9	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064)	12	EA	SIGN ERECTION, TYPE E
3	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
1	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
96	LF	GENERIC PIPE ITEM 15" CS SLOTTED DRAIN, 0.064" THICK	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
126	LF	PIPE REMOVAL	176	SF	WORK ZONE SIGNS (STATIONARY)
250	CY	SHALLOW UNDERCUT	192	SF	WORK ZONE SIGNS (PORTABLE)
500	TON	CLASS IV SUBGRADE STABILIZATION	125	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6,900	TON	AGGREGATE BASE COURSE	2	EA	FLASHING ARROW BOARD
200	TON	INCIDENTAL STONE BASE	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
5,650	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	126	EA	DRUMS
40	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	25	EA	CONES
2,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	160	LF	BARRICADES (TYPE III)
2,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	600	HR	FLAGGER
260	TON	ASPHALT BINDER FOR PLANT MIX	1	EA	TEMPORARY CRASH CUSHIONS
51	EA	RIGHT OF WAY MARKERS	1	EA	TMA
0.103	CY	PIPE PLUGS	334	LF	PORTABLE CONCRETE BARRIER
46	EA	MASONRY DRAINAGE STRUCTURES	40	EA	SKINNY DRUM
10.3	LF	MASONRY DRAINAGE STRUCTURES	765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	EA	FRAME WITH TWO GRATES, STD 840.16	140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	FRAME WITH TWO GRATES, STD 840.20	9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			775	LF	PAINT PAVEMENT MARKING LINES (8")
			24	LF	PAINT PAVEMENT MARKING LINES (24")
			2	EA	PAINT PAVEMENT MARKING SYMBOL
			13,500	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			72	EA	SNOWFLOWABLE PAVEMENT MARKERS
			27	LF	8" WATER LINE
			1,794	LF	12" WATER LINE
			1	EA	8" VALVE
			4	EA	12" VALVE

			2,100	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
			200.5	LF	GENERIC STRUCTURE ITEM SPECIAL CONCRETE BARRIER RAIL
1,751	LF	8" SANITARY GRAVITY SEWER			
10	EA	4' DIA UTILITY MANHOLE			
6	EA	5' DIA UTILITY MANHOLE			
8,875	LF	TEMPORARY SILT FENCE			
55	TON	STONE FOR EROSION CONTROL, CLASS A			
450	TON	STONE FOR EROSION CONTROL, CLASS B			
750	TON	SEDIMENT CONTROL STONE			
11	ACR	TEMPORARY MULCHING			
350	LB	SEED FOR TEMPORARY SEEDING			
2.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			
1,800	LF	SAFETY FENCE			
640	CY	SILT EXCAVATION			
31,830	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
430	SY	PERMANENT SOIL REINFORCEMENT MAT			
2,785	LF	1/4" HARDWARE CLOTH			
820	LF	*** TEMPORARY PIPE (18")			
4	EA	SPECIAL STILLING BASINS			
255	LF	WATTLE			
130	LB	POLYACRYLAMIDE (PAM)			
85	LF	COIR FIBER BAFFLE			
12	ACR	SEEDING & MULCHING			
2	ACR	MOWING			
150	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
225	LB	SEED FOR SUPPLEMENTAL SEEDING			
6.75	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
40	EA	RESPONSE FOR EROSION CONTROL			
1,220	LF	SIGNAL CABLE			
7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
710	LF	UNPAVED TRENCHING (***** (1, 2")			
270	LF	DIRECTIONAL DRILL (***** (2, 2")			
11	EA	JUNCTION BOX (STANDARD SIZE)			
610	LF	INDUCTIVE LOOP SAWCUT			
2,150	LF	LEAD-IN CABLE (***** (14-2)			
4	EA	METAL POLE WITH SINGLE MAST ARM			
4	EA	SOIL TEST			
30	CY	DRILLED PIER FOUNDATION			
4	EA	MAST ARM WITH METAL POLE DE- SIGN			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
5	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			
1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM-MULTIPLE ZONES			
4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM POLE (COLOR BLACK)			

### STRUCTURE ITEMS

100	LF	PILE EXCAVATION IN SOIL			
215	LF	PILE EXCAVATION NOT IN SOIL			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (11+00.19-L-)			
89.3	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+00.19-L-)			
13,221	LB	REINFORCING STEEL (BRIDGE)			
330	LF	HP12X53 STEEL PILES			
260	LF	HP14X73 GALVANIZED STEEL PILES			
540	TON	RIP RAP CLASS II (2'-0" THICK)			
600	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			

